CCS Technical Documentation
RH-25 Series Transceivers

Service Tools

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Service Tools

6560

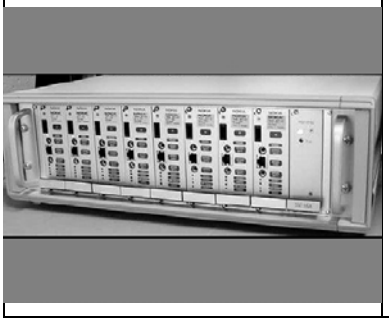
Photo	Code	Service Tool	Code	Description
	MJ-16	Module Jig	0770575	This jig allows phone PWB-level service and troubleshooting. Electric currents should be protected against over-voltage and over-current.
	FLS-4S	POS Flash Adapter	0080543	The Point of Sale (POS) flash is a low-cost software upgrade tool. This requires the XCS-1 cable and ACP-8U for operation.
	FPS-8	Flash Prommer	0080321	The Flash Prommer FPS-8 is used for flash.
	FPS-8C	Heavy Flash Prommer	0080396	The Heavy Flash Prommer FPS-8C is used for heavy parallel flashing.

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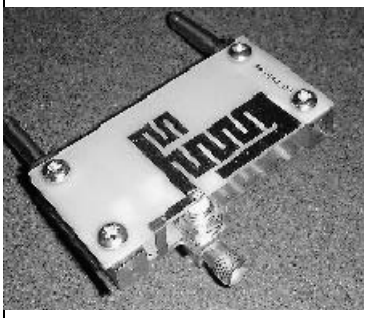
Photo	Code	Service Tool	Code	Description
	JBV-1	Docking Station	0770298	The Docking Station and the Docking Station Adapter (DA-15) are needed for Mbus, Fbus, RF, and audio connections. This setup allows connection between flash prommers. When the audio box is connected, it has to be connected to the phone's audio connector.
	DA-15	Docking Station Adapter	0770624	The Docking Station can be powered by FPS-8 or external power supply. *NOTE: SEE USER INSTRUCTIONS FOR DA-15 on page 9.*
	CPL-1	Coupler	0770287	The coupler has been developed for antenna go/no go testing.
	JBA-8	Audio Box	0770320	The Audio Box is needed for audio connections. The box must support DCT4 Janette audios. JBA-8 provides an interconnection between the phone's system connector (XEAR, XMIC) through a fixed audio cable and audio tester with a BNC-BNC coax. Connection to a PC can be made with the service battery, through a DAU-9 cable.

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Photo	Code	Service Tool	Code	Description
	SF-15	Flash Adapter	0770625	SF-15 allows a continuous maximum power supply for the phone from an external power supply, the ACP-8. *NOTE: SEE USER INSTRUCTIONS FOR SF-15 ON PAGE 11. Note: SF-15 is not to be used for handset testing; it is only designed for flashing.*
	AXP-8	Printer Cable	073F000	The Parallel Printer Cable connects the parallel connector of the PC and the parallel input of the FPS-8.
	AXS-4	D9-D9 Cable	0730090	The AXS-4 D9-D9 service cable is used to connect two 9-pin connectors (e.g., between PC and FPS-8). AXS-4 length is 2 meters
	CA-X	Audio Cable	TBD	The audio cable connects to the audio box JBA-8.
	SCB-3	DC Cable	0730114	The DC Cable SCB-3 is used to connect the docking station to the charger connection (Vin) of the phone to conduct the charger calibration service procedure.

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Photo	Code	Service Tool	Code	Description
	DAU-9S	Mbus Cable	0730108	The Mbus Cable has a modular connector and is used with the service audio box JBA-4 or a modular T-adapter.
	PCS-1	Power Cable	0730012	The Power Cable PCS-1 is used to connect the service tools (JBV-1, MJF-23) to an external power supply.
	XRF-1	RF Cable	0730085	The XRF-1 cable connects a service tool and RF measurement equipment.
	XCS-4	Mbus/Fbus Cable	0730178	The XCS-4 Service Cable is a modular cable for flashing DCT4 products.

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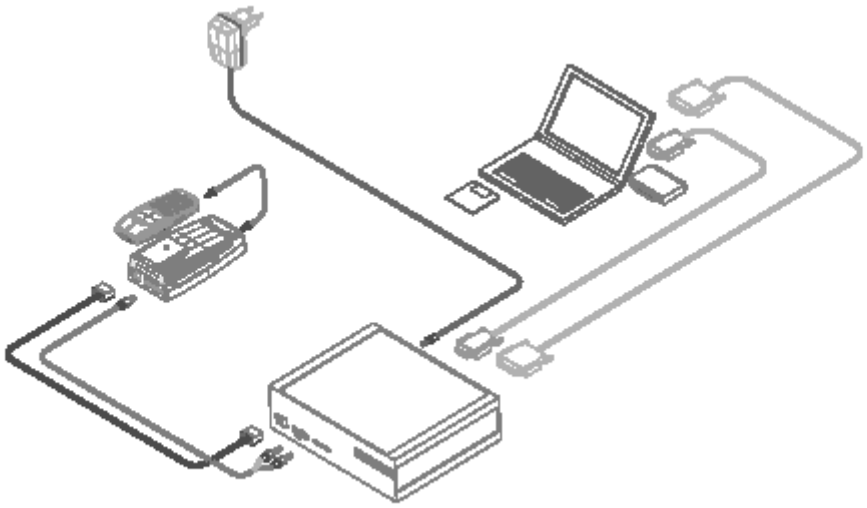
Photo	Code	Service Tool	Code	Description
	PKD-1	SW Security Device	0750018	SW security device PKD-1 is hardware device that, when connected to the parallel (LPT) port of the PC, enables the use of the service software. Without the dongle present, it is not possible to use the service software. Printers or other peripheral devices can be connected to the PC through the dongle, if needed. *Caution: Make sure that you have switched off the PC and the printer before making connections!* *Caution: Do not connect the PKD-1 to the serial port. You may damage your PKD-1!*
	CA-13RS	RF Probe	0730300	Spare part for RF probe used in SA-16 and MJ-16.
	SA-16	RF Adapter	0770577	The SA-16 adapter is used with the DA-15 docking station adapter, and is needed for proper RF connection. The adapter allows galvanic connections to assembled handset RF switches. The adapter permits the handset to be connected to RF measuring and test equipment during test and repair and can be used with covers on or off.

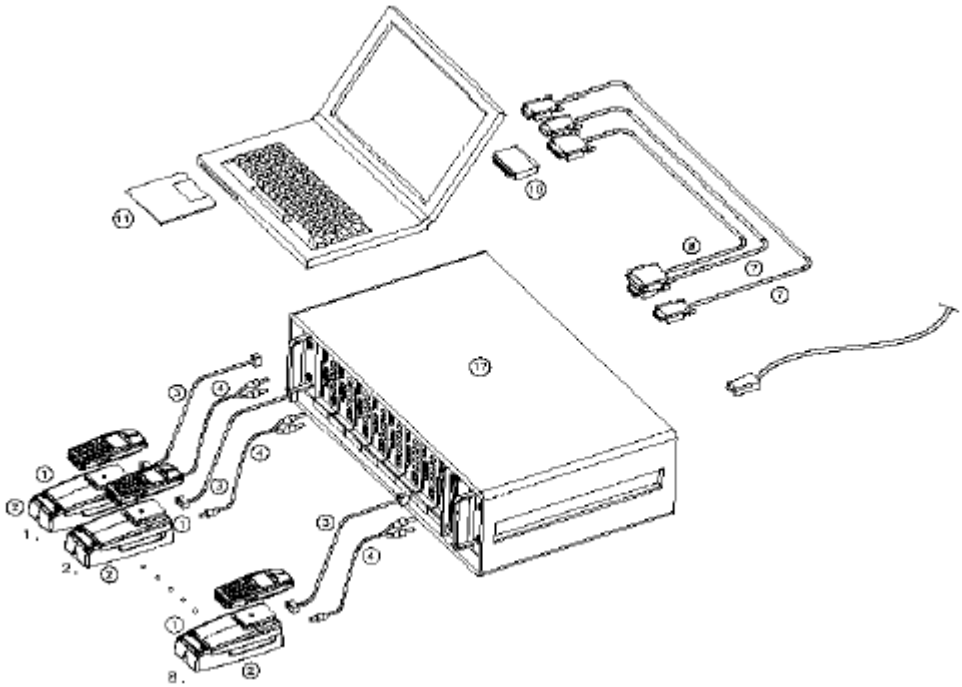
Flashing and Testing Setups

FPS-8 Flash Prommer for Heavy Flash



The FPS-8 flash prommer is used for heavy flashing. The sales pack product code is 0080321.

FPS-8C Flash Prommer for Heavy Parallel Flash



The FPS-8C flash prommer is used for heavy parallel flashing. The sales pack product code is 0080396.

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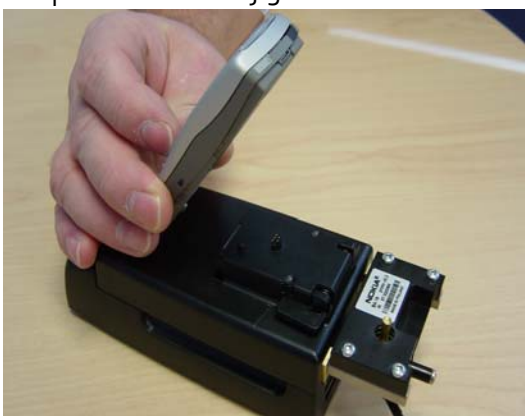
User Instructions

DA-15 / SA-16

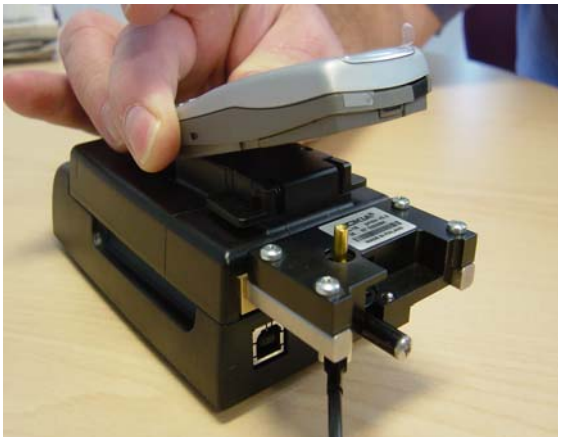
Follow these instructions to avoid damage to the adapter or the phone.

Note: Using the adapter in any way other than described here may harm important pins and connectors of the adapter. It cannot be used like the FLA-13 for 3520/3560 products.

1 Lock bottom of phone onto the jig.



2 In an arching motion, push phone downward.



3 Push phone down until locks engage.

4 Push the probe up from the bottom (photo at left below) and then engage the locking mechanism (right).

To remove adapter, follow the inverse order of the installation in Steps 1 through 4.

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SF-15

Follow these instructions to avoid causing any damage to the adapter or the phone.

Note: Using the adapter in any other way may harm the important pins and connectors of the adapter. It cannot be used like the MJF-2 for 3520/3560 products.

1 Lock bottom of the SF-15 onto the phone.

2 In an arching motion, push the phone and the SF-15 together until the locks engage.

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3 To remove, press the tabs on BOTH sides to release.

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